Utah Skill Certification

Student Performance Evaluation

Test # 113 - Agricultural Systems Technology II (CIP 010221)

(Print) Student's Name:	**Date:**
(Print) Teacher's Name:	**School:**
Teacher Signature:	**District:**

The performance evaluation **is a required component of the skill certification process.** Each student must be evaluated on the required performance objectives outlined below. Performance objectives may be completed and evaluated at anytime during the course. Students who achieve a 3 or 4 (moderately to highly skilled) on **ALL** performance objectives and 80% or higher on the written test will be issued an ATE skill certification certificate.

- Students should be aware of their progress throughout the course so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a 3 or 4 (moderately to highly skilled) on all performance objectives.
- When all performance objectives have been achieved at a minimum of a 3 or 4 (moderately to highly skilled) then "Y" (Y=Yes) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- If the student scores a 1 or 2 (limited to no skill) on any performance objective then "N" (N=No) is recorded for that student on the Performance Evaluation Summary Score Sheet.
- All performance objectives **MUST** be completed and evaluated prior to the written test.
- The teacher will bubble in "A" on the test answer sheet for item #81 for students who have achieved "Y" on all of the student performance objectives.
- The teacher will bubble in "B" on the test answer sheet for item #81 for students who have one or more "N's" on the student performance objectives.
- The signed Student Performance Evaluation Sheet for each student must be kept in the teachers file for two years.

Performance Rating Scale

4 = Highly Skilled	Successfully demonstrated without supervision.
3 = Moderately Skilled	Successfully demonstrated with limited skill.
2 = Limited Skill	Demonstrated with close supervision.
1 = Not Skilled	Demonstration requires direct instruction and supervision.

Student Performance Objectives

Standard 01 – Students will develop an understanding of the role of FFA in Agricultural Education Programs.	**1**	**2**	**3**	**4**
• Develop short and long-range leadership and personal development goals. • Attend an FFA meeting.				

Standard 02 – Students will understand the benefits of a Supervised Agricultural Experience (SAE) Program.	1	2	3	4
• Prepare a plan for a long-term SAE. • In an approved record book, record all transactions and activities on a SAE.				

Standard 04 – Students will demonstrate safe practices when working in laboratories.	1	2	3	4
• Demonstrate safe practices when working in laboratories.				

Standard 05 – Students will demonstrate basic electrical wiring skills and knowledge about electricity.	1	2	3	4
• Repair and replace electrical cord. • Install electrical circuits and switching devices.				

Standard 08 – Students will plan and construct with concrete.	1	2	3	4
• Build, set, and remove concrete forms. • Place, finish, and cure concrete.				

Standard 09 – Student will safely operate and maintain agricultural equipment.	1	2	3	4
• Conduct a pre-operation inspection of a tractor. • Identify engine components and their respective functions. • Troubleshoot engine problems.				

Standard 10 – Students will service and maintain engine and drive systems.	1	2	3	4
• Inspect and replace hoses. • Service fan belts • Clean and lubricate drive parts. • Check hydraulic system for leaks.				

Standard 11 – Students will select, maintain, and safety operate oxyfuel, shielded metallic arc welding (SMAW), and gaseous metallic arc welding (GMAW) systems.	1	2	3	4
• Make butt welds. • Make fillet welds. • Estimate and calculate the cost of welding materials.				

Standard 12 – Students will fabricate with metal.	1	2	3	4
• Fabricate shop projects using metal.				